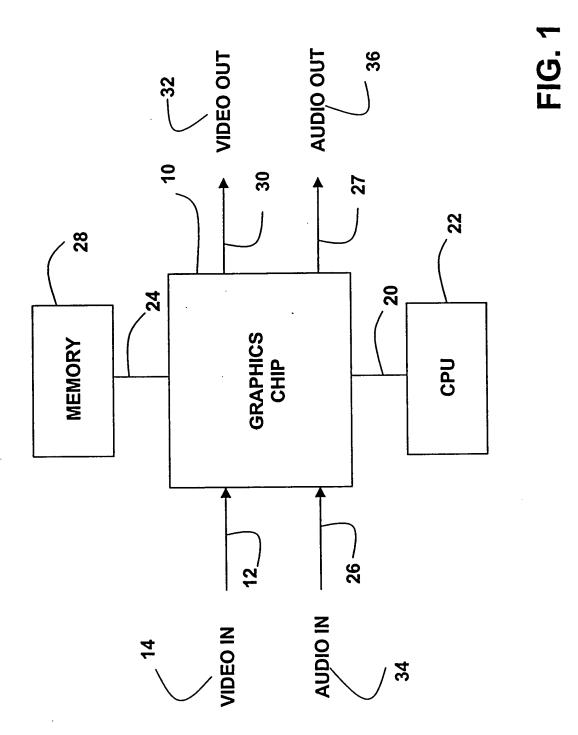
Att rney: Jun-Young E. Jeon
D cket N .: 50690/JEJ/B600
Inventor(s): Alexander G. MacInnis, et al.
Title: Graphics Display System with Graphics
Window Control Mechanism

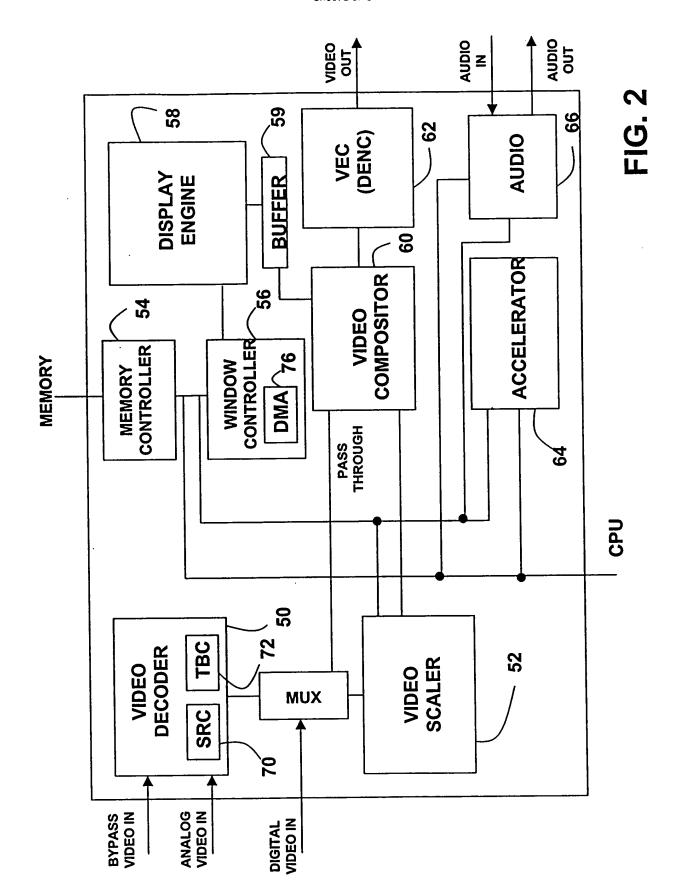
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Attorney: Jun-Young E. Jeon Docket N .: 50690/JEJ/B600 Inventor(s): Alexander G. MacInnis, et al.

Title: Graphics Display System with Graphics

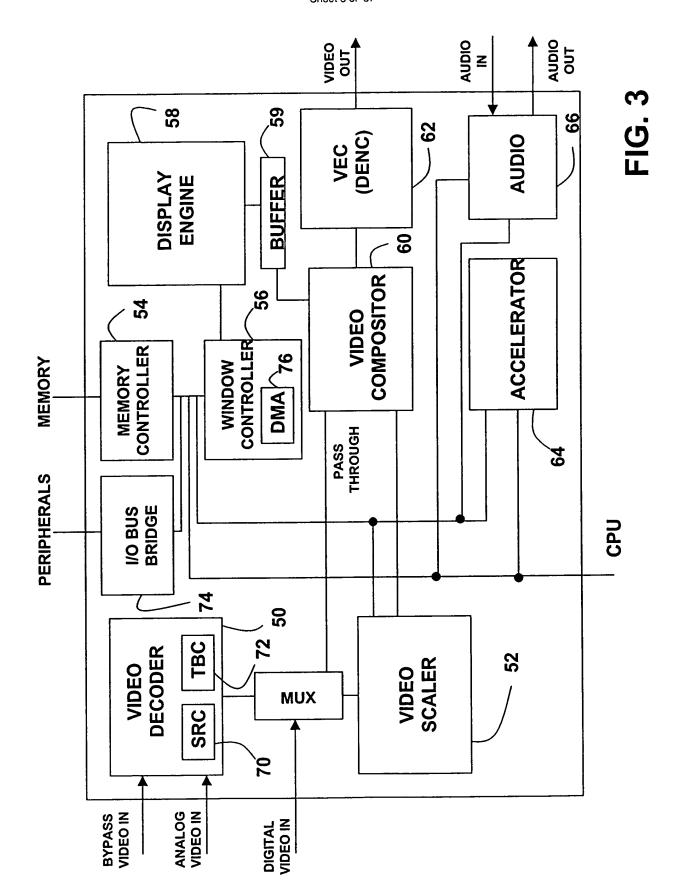
Window Control Mechanism Sheet 2 of 37



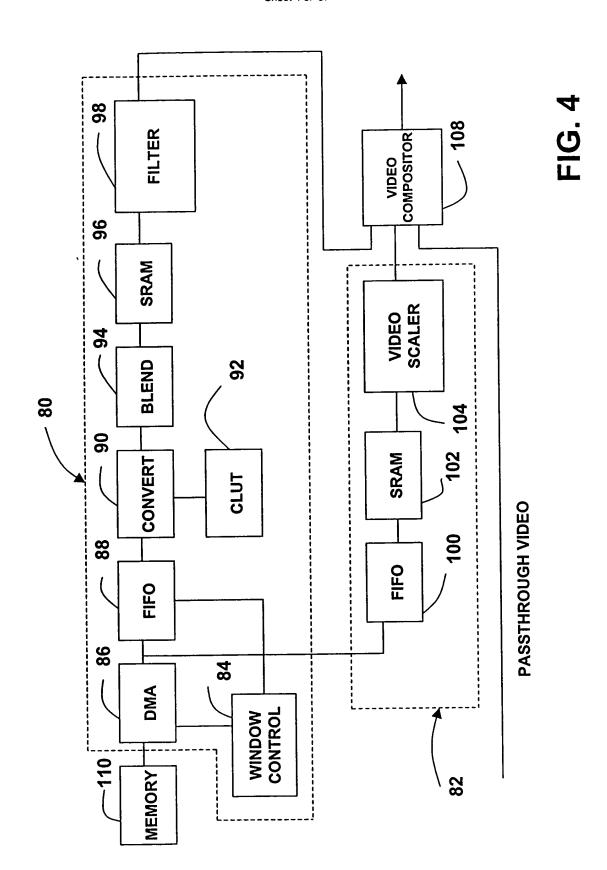
Attorney: Jun-Young E. Jeon
D cket N .: 50690/JEJ/B600
Inventor(s): Alexander G. MacInnis, et al.

Title: Graphics Display System with Graphics Window Control Mechanism

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Sheet 5 of 37 62 VEC 9 190 СОИЛЕВТЕР DATA SIZE FILTER VERT COEFF VIDEO COMPOSITOR 188 59 XNW PASSTHROUGH VIDEO (T) SA377UB **TINE** 182 BKGND COLOR ENGINE 152 SCALER 52 186 140 BLENDER H/V COEFF ਬਤੇਤਤਨਬ **GFX** 184 **TINE** 25 4 TO YUV 422 **YUV 444** 138 180 XUM 68 **XNM** CLUT 136 CONVERTER 162 XUM GFX **RGB2YUV** 99 148 150 160 VIDEO FIFO CAP FIFO 58 DECODER FIFO **ITU-R** 656 TBC CTRL 146 144 TBC VIDEO CAP DMA 132 154 GFX FF0 58, VDEC MPEG VIDEO 20 BYPASS VIDEO ANALOG CTRL VIDEO 130 GFX DMA **MAAGS** WIN **MAAGS**

Attorney: Jun-Young E. Jeon Dock t No.: 50690/JEJ/B600

Inventor(s): Alexander G. MacInnis, et al.

Title: Graphics Display System with Graphics

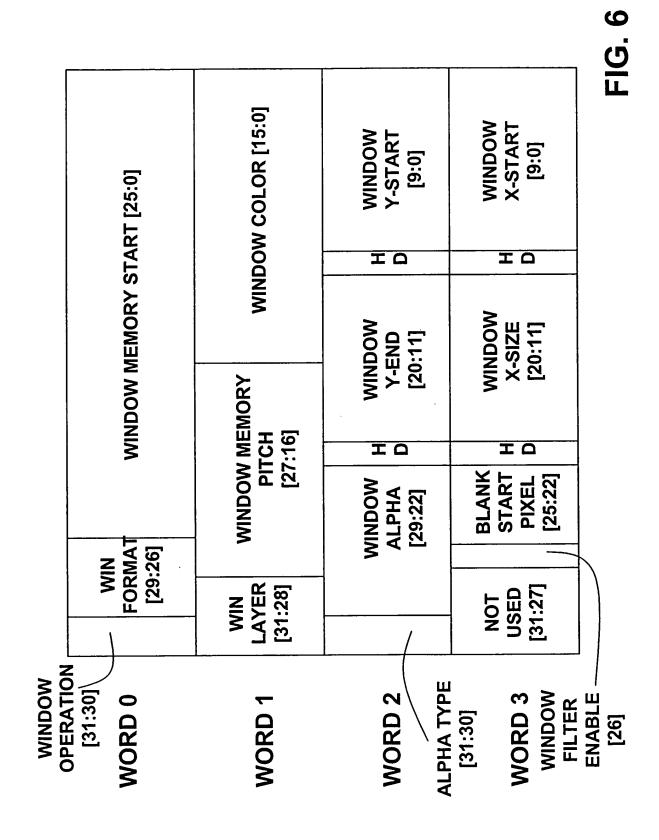
Window Control Mechanism

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Inventor(s): Alexander G. MacInnis, et al.

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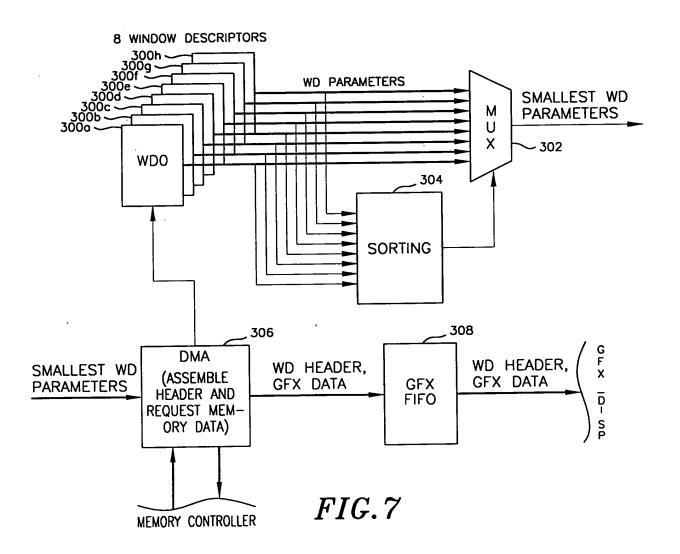


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Invent r(s): Alexander G. MacInnis, et al.

Title: Graphics Display System with Graphics

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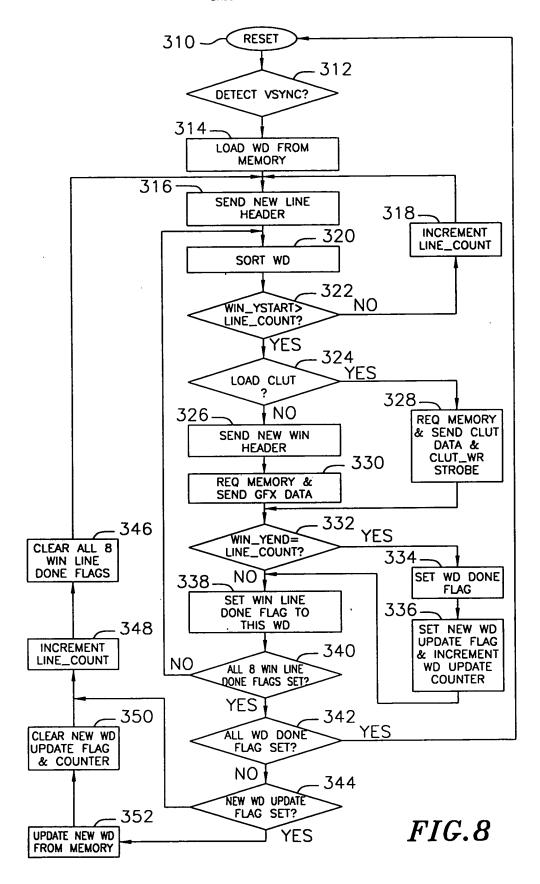


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Inventor(s): Alexander G. MacInnis, et al.

Title: Graphics Display System with Graphics

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Inventor(s): Alexander G. MacInnis, et al.

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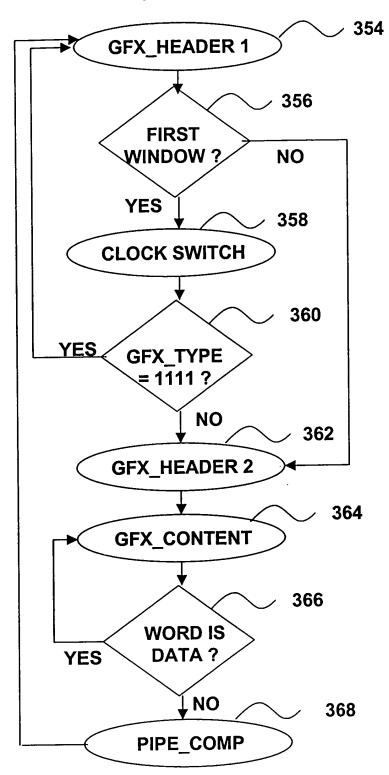
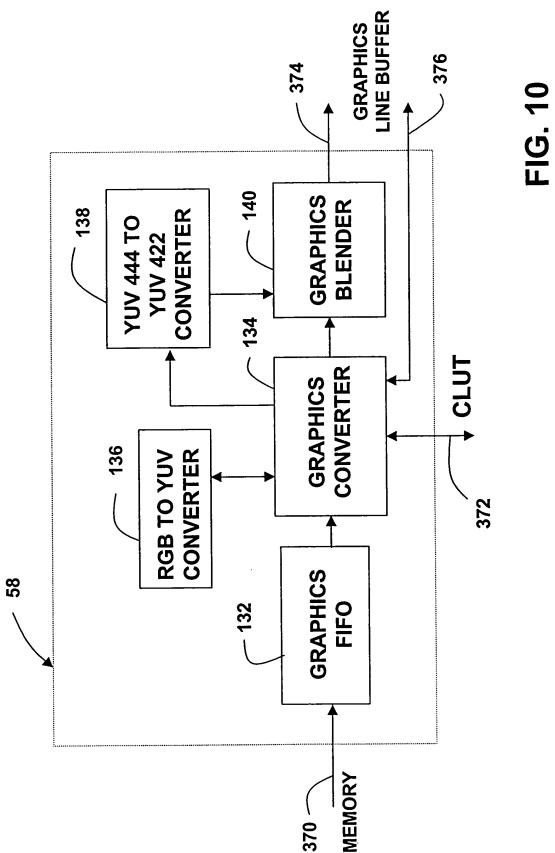


FIG. 9

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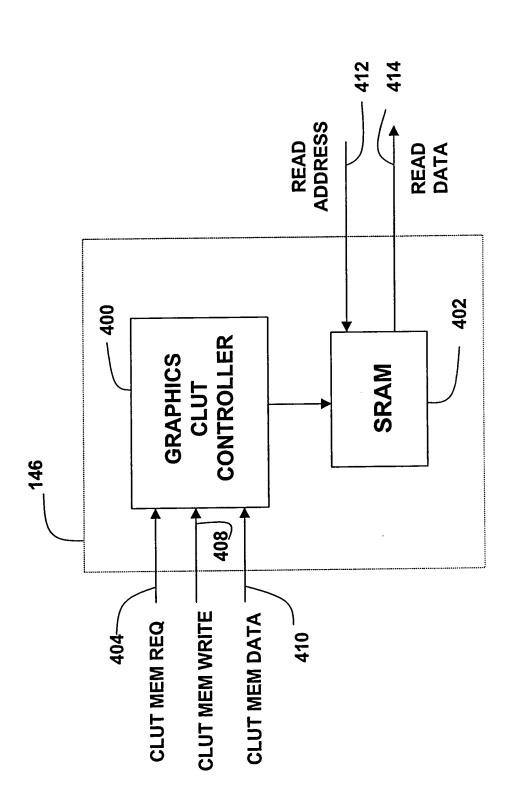


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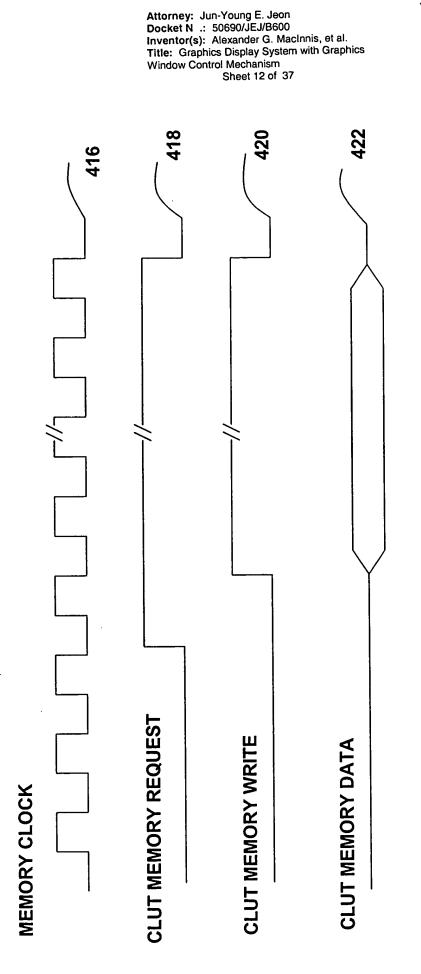


FIG. 12

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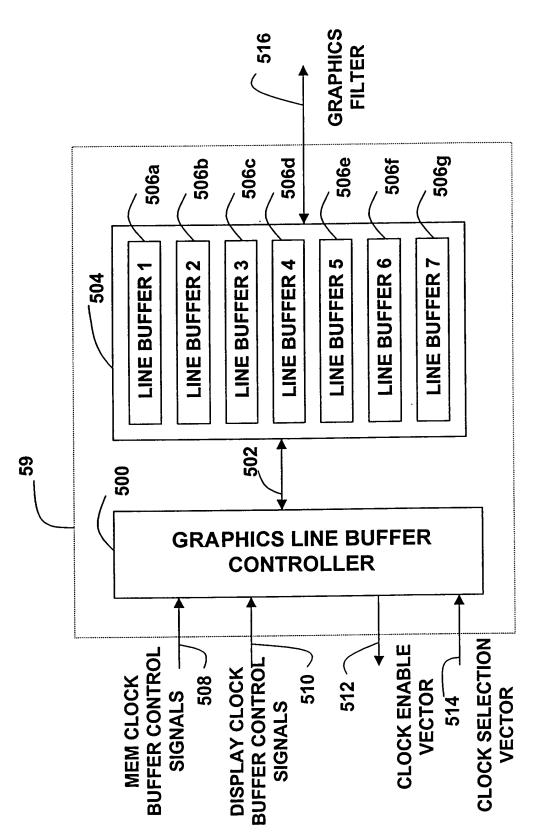
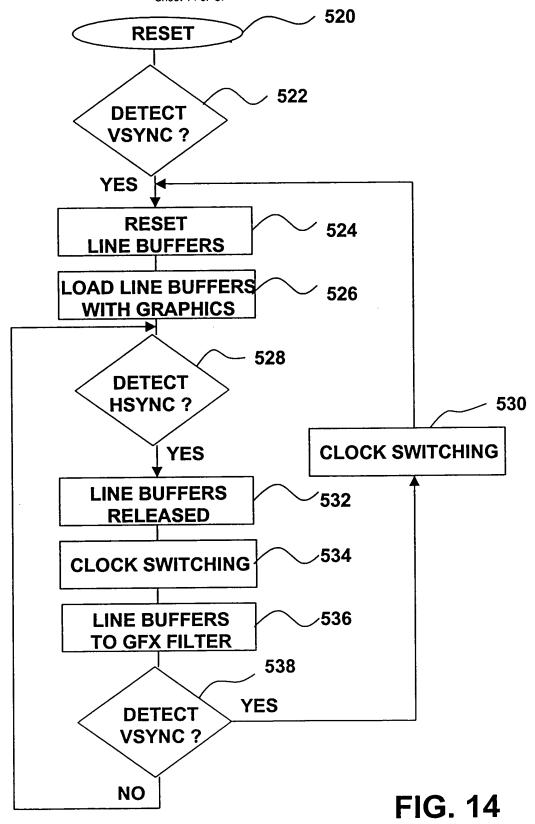


FIG. 13

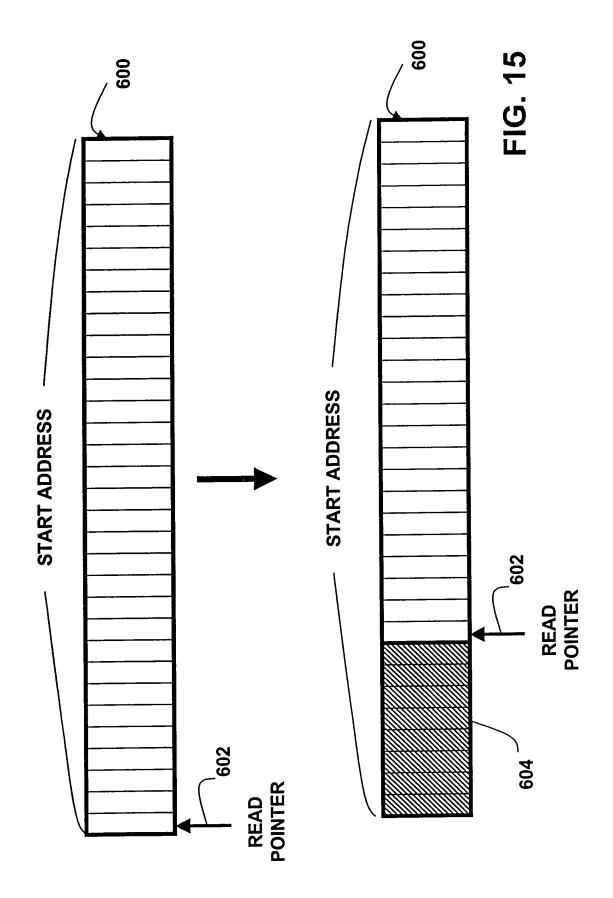
Attorney: Jun-Young E. Jeon Docket No.: 50690/JEJ/B600

Inventor(s): Alexander G. MacInnis, et al. Title: Graphics Display System with Graphics

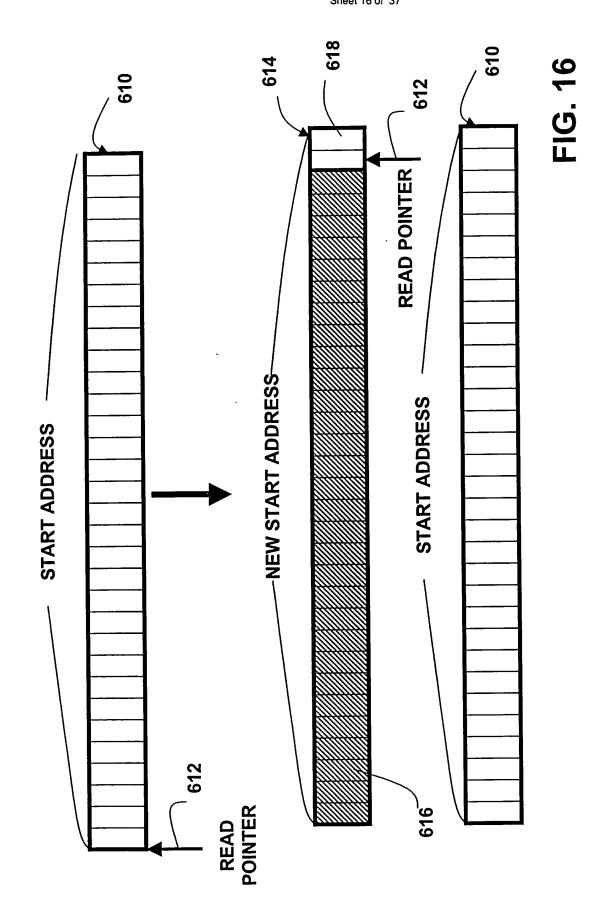
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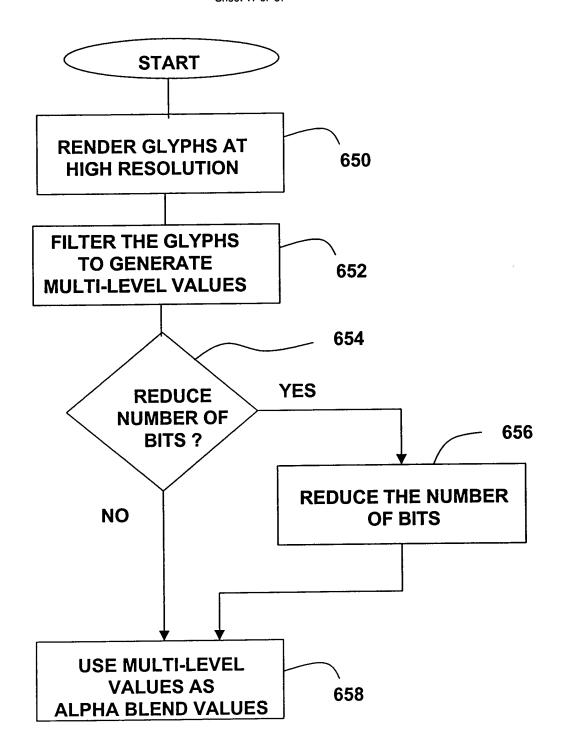


FIG. 17

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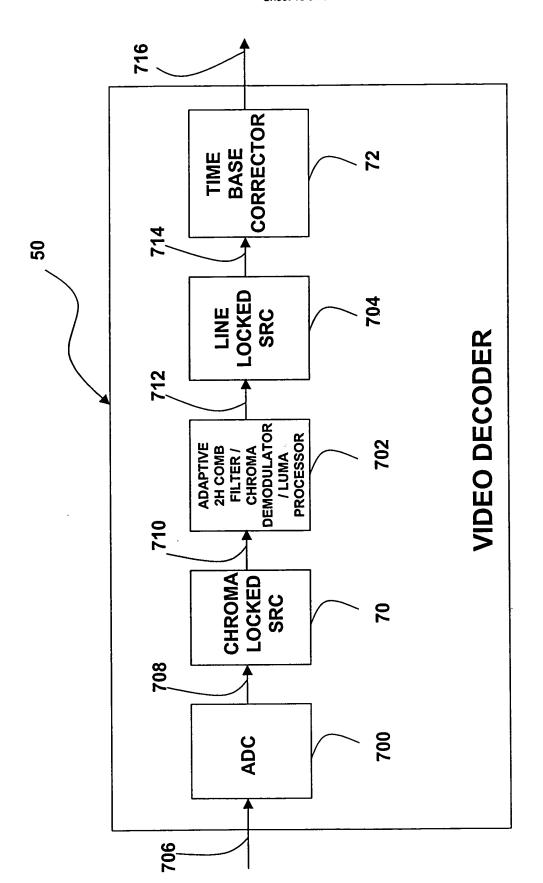
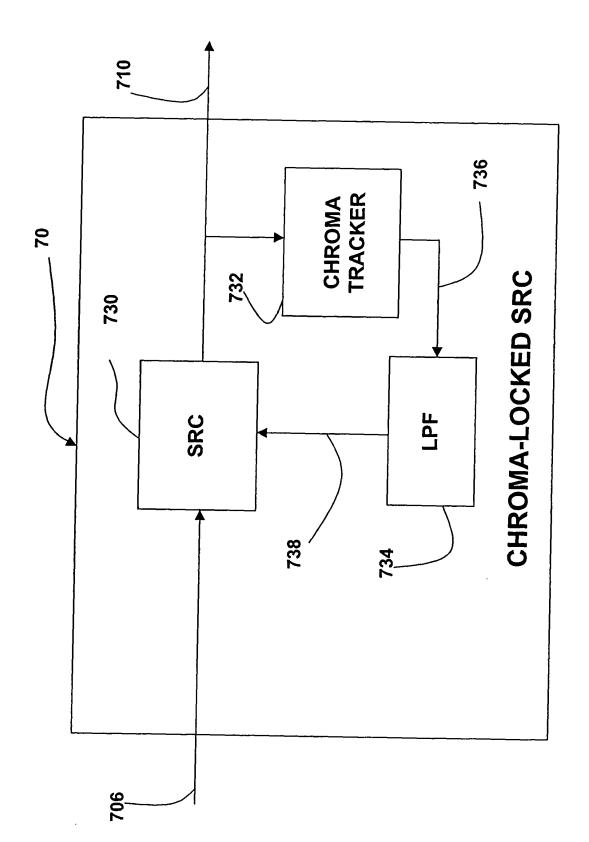


FIG. 18

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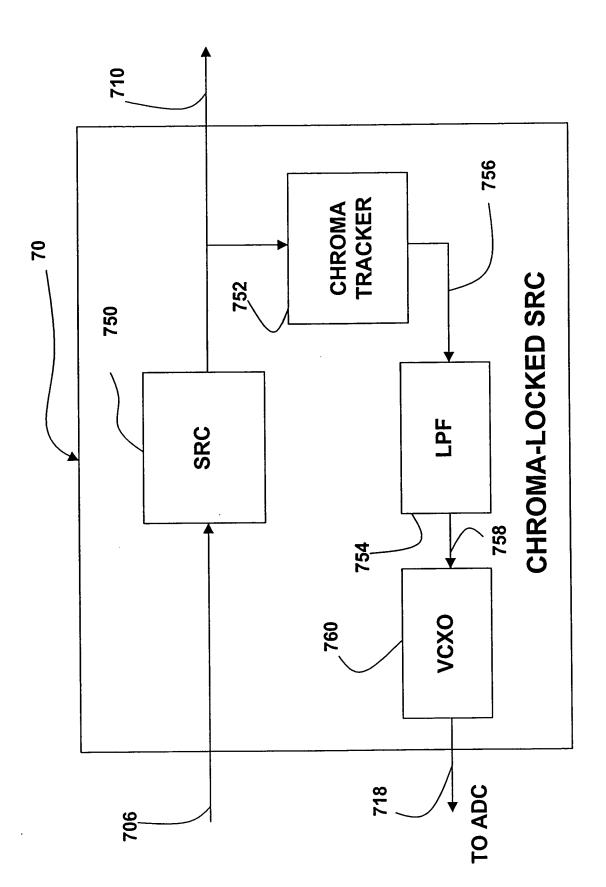


FIG. 20

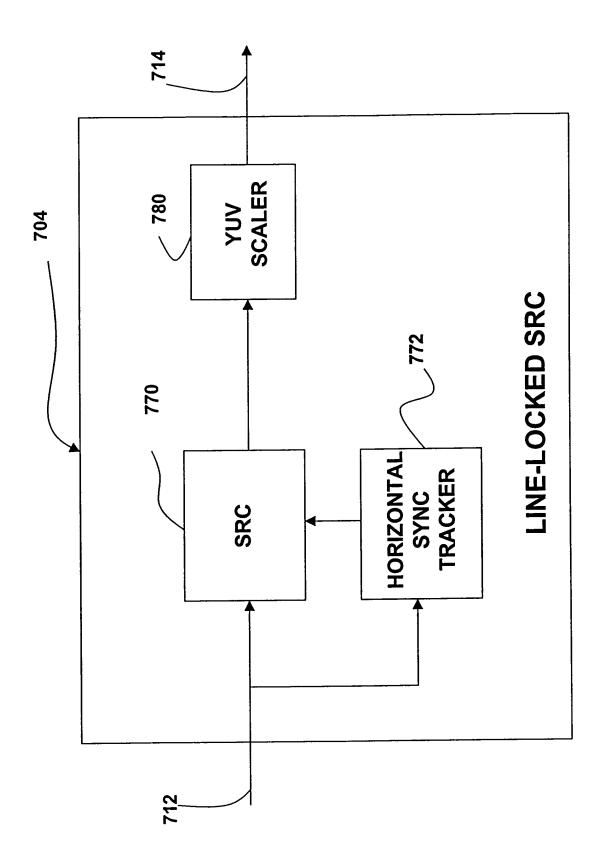
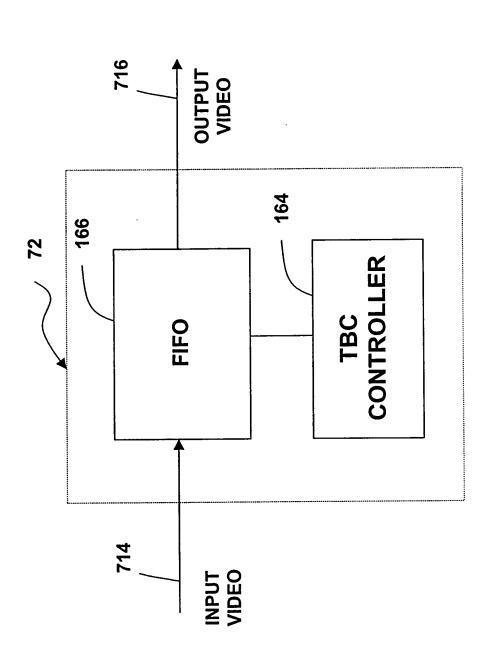


FIG. 21

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Inventor(s): Alexander G. MacInnis, et al. Title: Graphics Display System with Graphics Window Control Mechanism Sheet 23 of 37 782 RESET 784 **INPUT VSYNC?** YES TBC CONTROLLER 786 **COUNTS SAMPLES LOAD FIFO 788 WITH INPUT VIDEO** 790 **FIFO** HALF FULL? **YES** 792 **TIMING SIGNALS GENERATED FIFO OUTPUT** 794 **TO DISPLAY** 796 YES **INPUT VSYNC?**

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FIG. 23

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INPUT

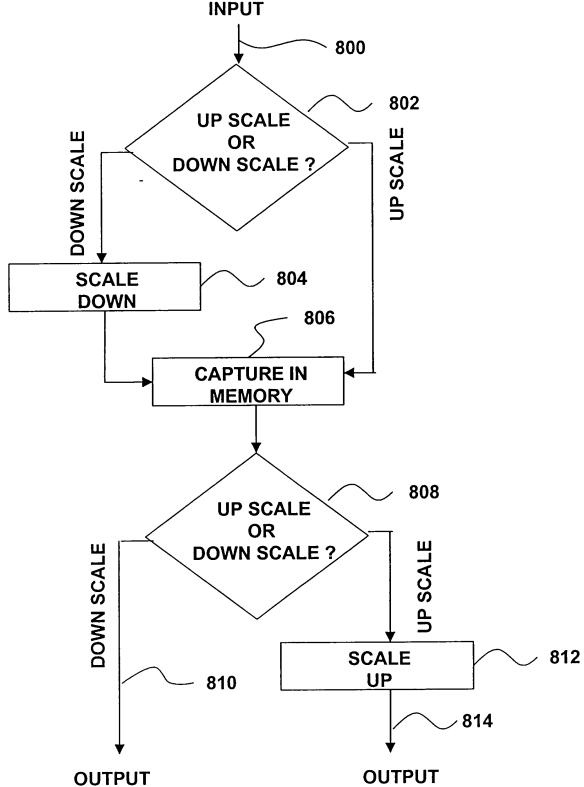
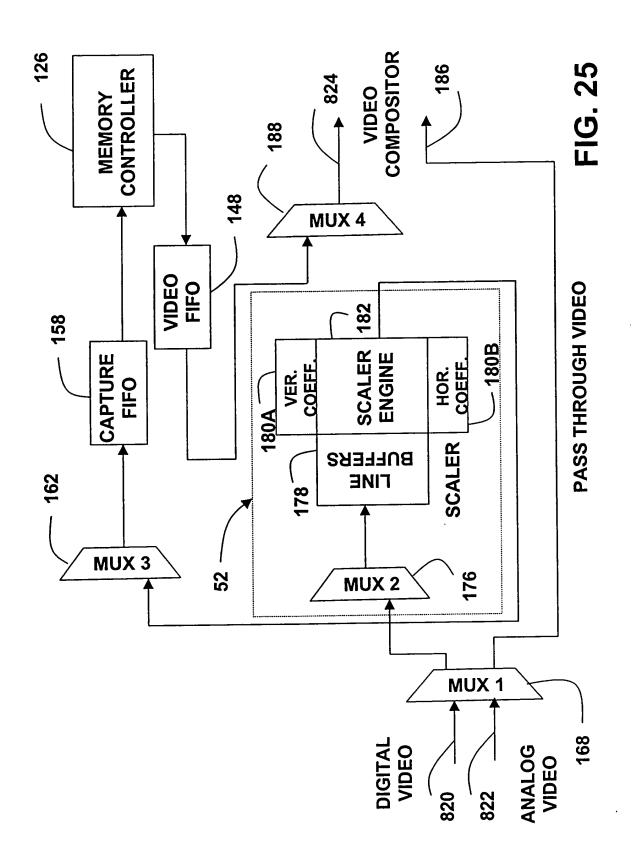


FIG. 24

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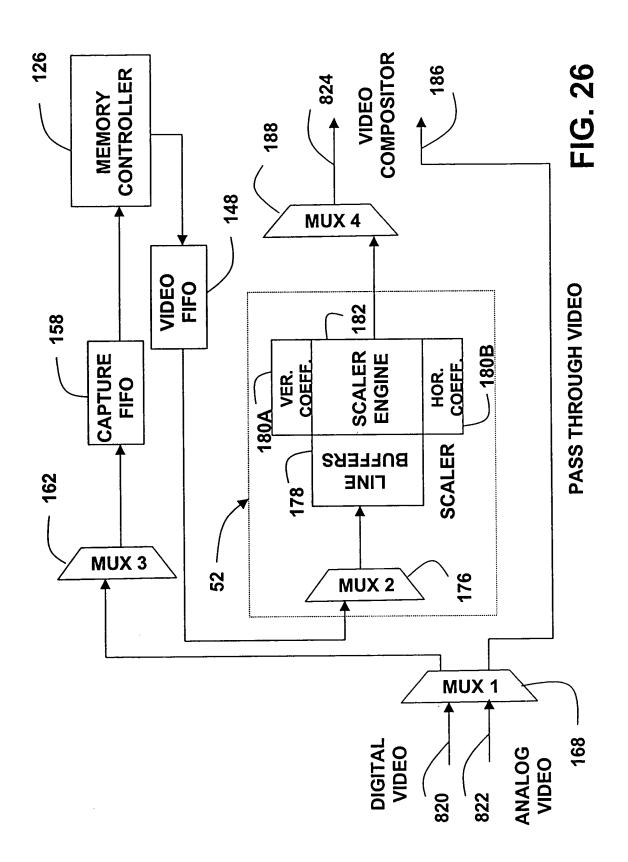


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Inventor(s): Alexander G. MacInnis, et al.

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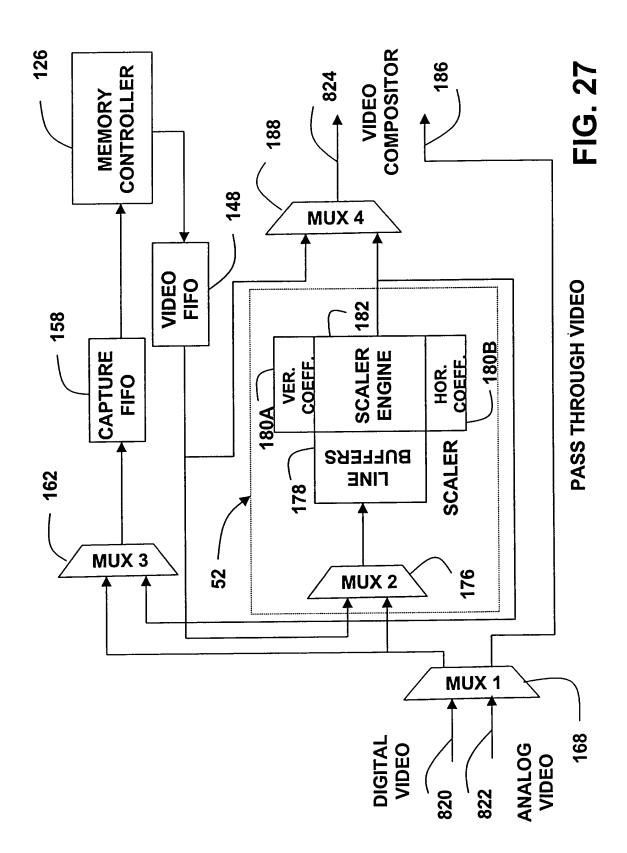


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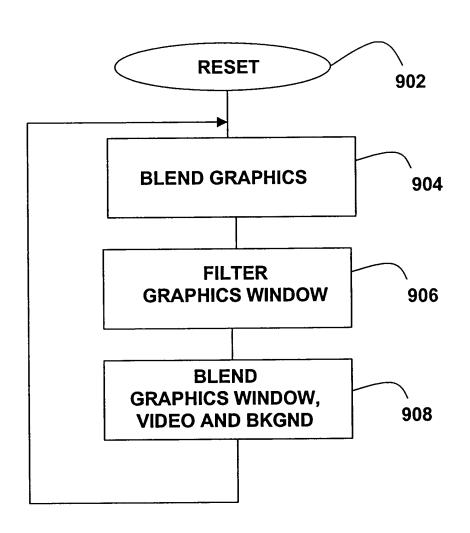
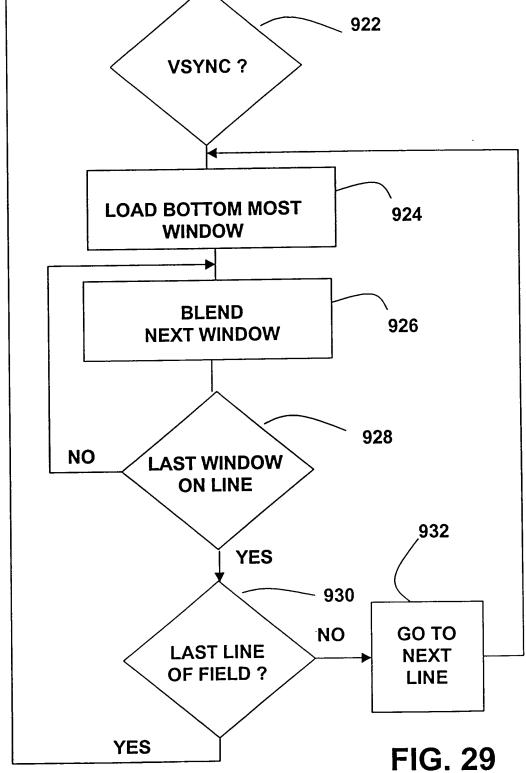


FIG. 28

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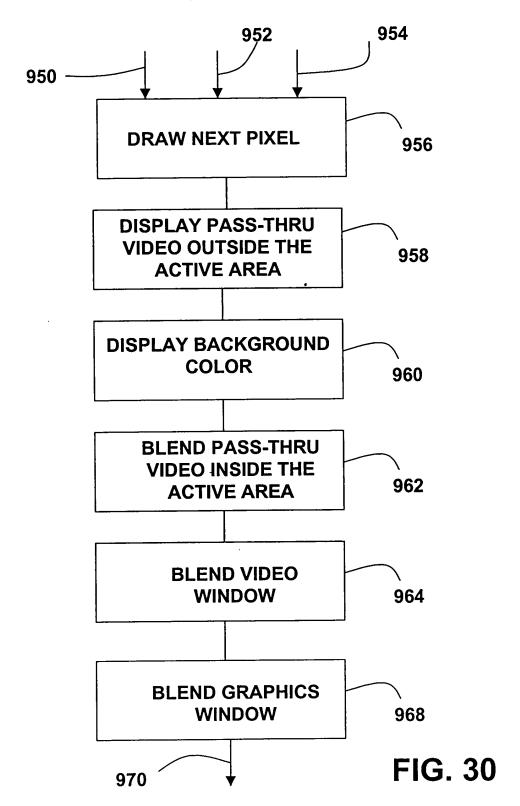
Inventor(s): Alexander G. MacInnis, et al. Title: Graphics Display System with Graphics Window Control Mechanism Sheet 29 of 37 **RESET** 920 922 **VSYNC?**



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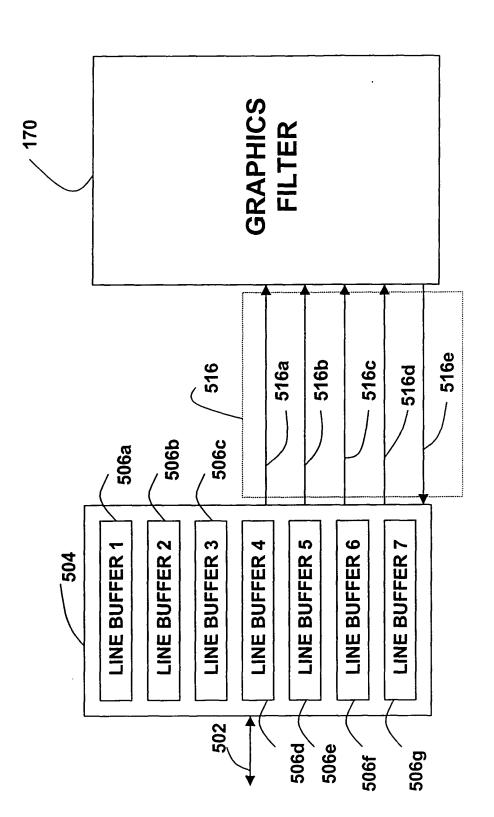


FIG. 31

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Invent r(s): Alexander G. MacInnis, et al.
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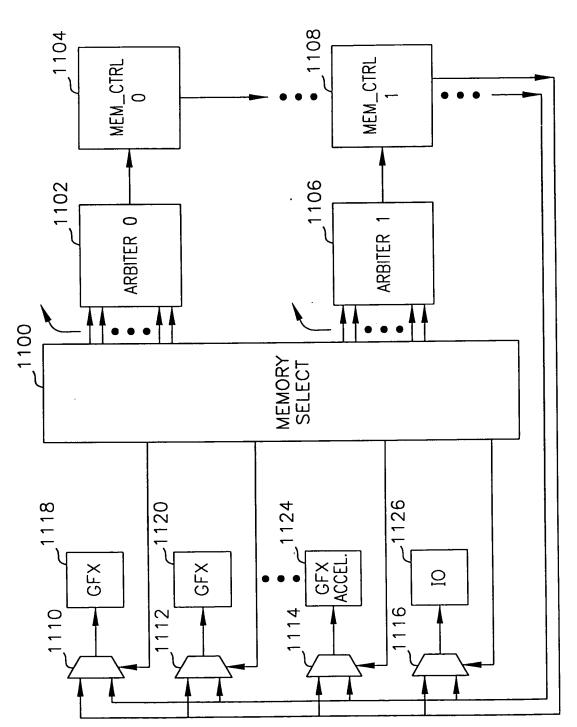
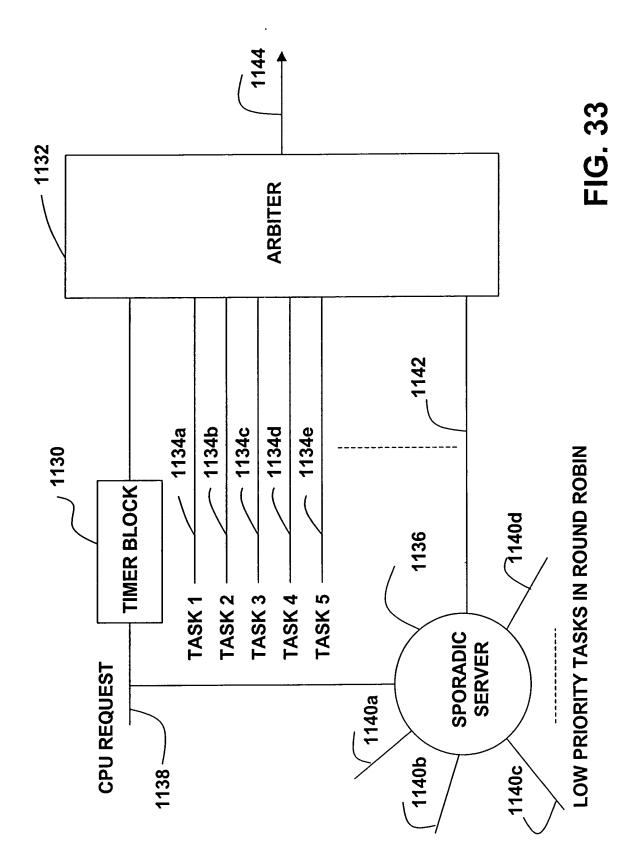


FIG.32

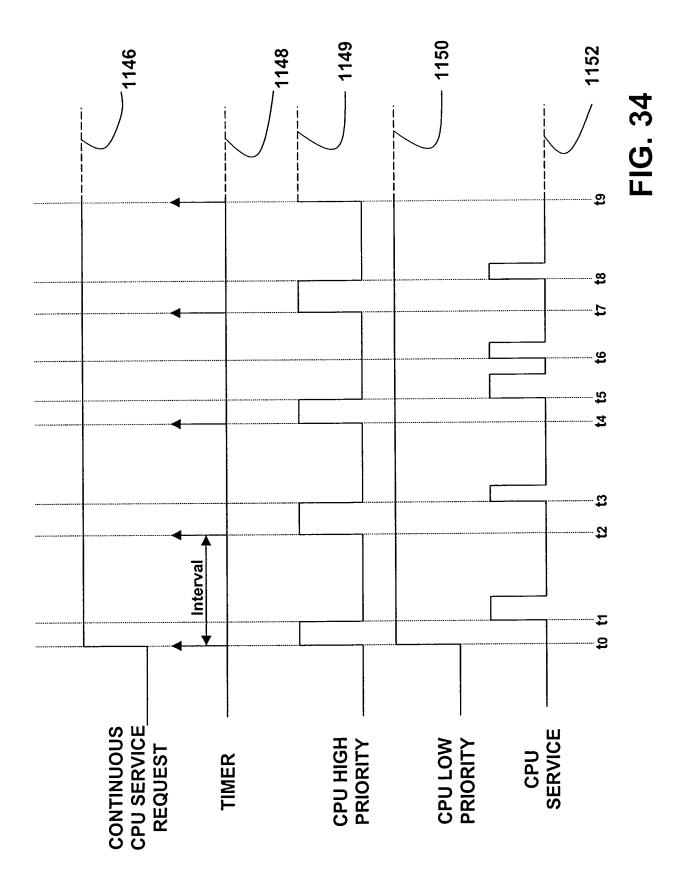
Att rney: Jun-Young E. Jeon D cket N .: 50690/JEJ/B600

Inventor(s): Alexander G. MacInnis, et al.
Title: Graphics Display System with Graphics
Window Control Mechanism

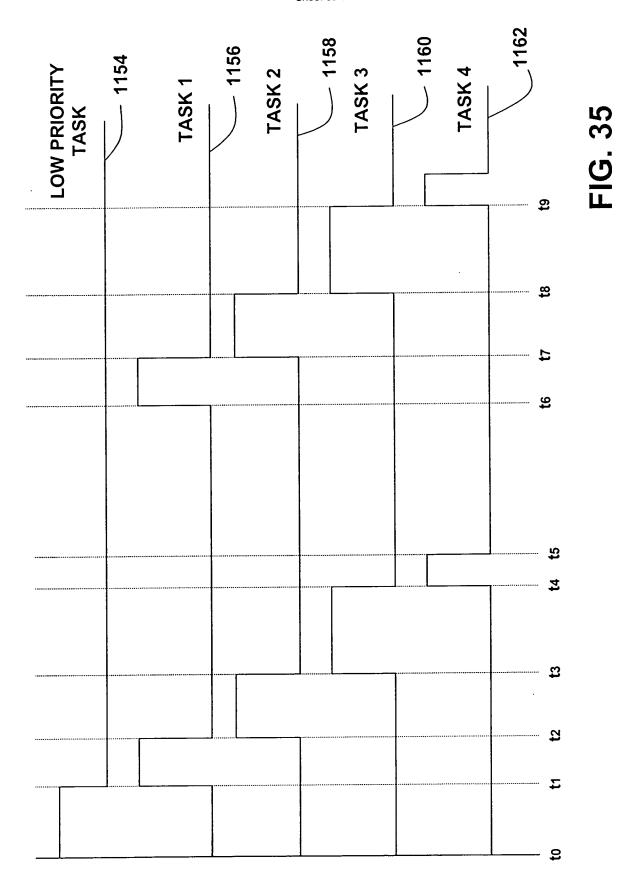
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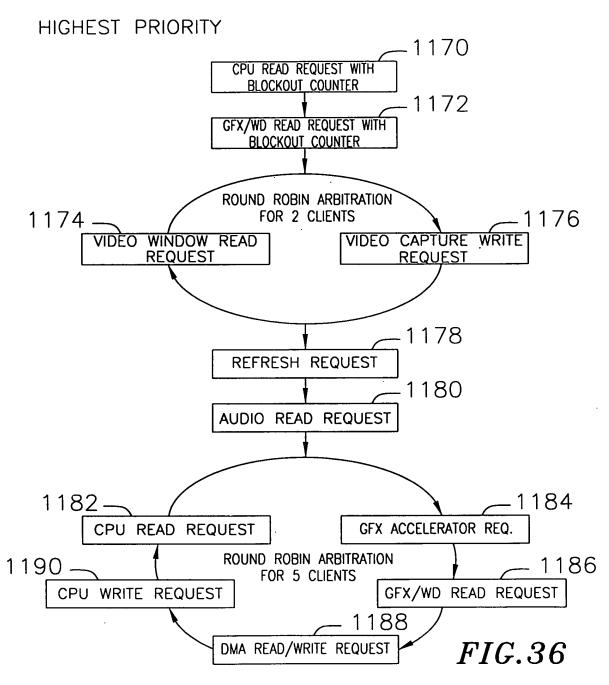


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LOWEST PRIORITY

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